

DiPalma, Thomas (TomDiPalma)

From: Fritz, Carla@DIR [CFritz@dir.ca.gov]
Sent: Monday, December 21, 2009 2:05 PM
To: DiPalma, Thomas (TomDiPalma)
Cc: Trombettas, Clyde@DIR
Subject: SIP

Hello, Tom. My district manager has some concerns about the adequacy of the #1 PP booth as a SIP. They are as follows:

- 1) once the booth is sealed/HVAC off, how long could employees be expected to remain inside
- 2) is breathing air adequate with up to 3-5 people inside; how was this determined
- 3) employees must have access to a bathroom; this seems problematic if the SIP lasts for any length of time

Thank you for a reply.

Carla Fritz

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Questions re: SIP for #1 Power plt
311074876

1. *Projected maximum time spent in booth; how many ee's*
2. *Have you done monitoring for O₂, CO₂ – what is figure 3.2.4 reference (pg. 25)*
3. *Have you measured booth air change rates (pg. 26)*
4. *Have you done any simulations*
5. *Have you done any drills*
6. *What PPE is available inside booth*
7. *What are bathroom provisions*
8. *Mitigation plan (pgs. 9-10): Does Priority 3 mean no mitigation until 2012*
9. *Siting Assessment Study states on pg. 26 that no new mitigations or changes have been made to the 1 Power control room*
10. *Why does PHA checklist per AI 752 state that **all** penetrations have been sealed*

Yes @ time of PHA

DiPalma, Thomas (TomDiPalma)

From: Fritz, Carla@DIR [CFritz@dir.ca.gov]
Sent: Tuesday, December 22, 2009 12:59 PM
To: DiPalma, Thomas (TomDiPalma)
Subject: SIP

Hello, Tom. I just perused an EPA report (3/09) "Airtightness Evaluation of SIP Spaces for Protection Against Airborne Chemical & Biological Releases" in which various simulations were performed and CO2 concentrations predicted for various spaces. Among the findings: while none of the predicted CO2 concentrations were as high as the ACGIH short-term exposure limit, several exceeded the TLV. The authors acknowledged that the TLV might not be relevant to a 1-2 hr exposure; however, noted that the high values were of concern. Has Chevron conducted any testing of the #1 Power SIP booth for CO2 levels during a simulated exposure event. If yes, may I know the findings? Thank you in advance.

Carla Fritz

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